CLAIMS

What Is Claimed Is:

1. A system for internally optimizing wireless communications between a pair of devices, each said device comprising an application set group comprising at least one application set and a stack group comprising at least one stack, said application set group and said stack group in communication with a wireless transceiver, comprising:

a first said device comprising:

detector means in communication with said application set group for detecting the configuration of said application set in a second said device; and

selector means for enabling the optimum said stack responsive to said detecting.

2. The system of Claim 1, wherein said detector means further enables the optimum said application set responsive to said detecting.

3. The system of Claim 2, wherein an initial communications condition is defined, said initial communications condition comprising said detector means enabling a default said application set and said selector means enabling a default said stack.

4. The system of Claim 3, wherein said initial communications condition is re-established upon cessation of said wireless communications.

5. A method for internally optimizing communications between a pair of devices, each said device comprising an application set group comprising at least one application set and a stack group comprising at least one stack, said application set group and said stack group in communication with a wireless transceiver, comprising the steps of:

default enabling, wherein selector means in communication with said stack group for selecting the optimum said stack enables a default said stack; and

upgrade enabling, wherein selector means enables an upgraded said stack.

6. The method of Claim 5, further comprising the step of:

querying, wherein detector means for detecting the configuration of said application set group in another said device queries said other device for the configuration of its said application set group.

7. The method of Claim 6, wherein said upgrade enabling further comprises said detector means enabling the optimum said application set.

8. The method of Claim 7, further comprising a re-enabling step after said upgrade step, said re-enabling step comprising said detector means enabling a default said application set.

9. The method of Claim 8, wherein said re-enabling step further comprises said selector means enabling said default stack.

10. A system for internally optimizing infrared communications between a pair of devices, each said device comprising an infrared transceiver, an application set group comprising at least one application set and a stack group comprising at least one stack, said application set group in communication with said stack group and said stack group in communication with said infrared transceiver, comprising:

a first said device comprising:

detector means in communication with said application set group for detecting the configuration of said application set in a second said device; and

selector means for enabling the optimum said stack responsive to said detecting.

11. The system of Claim 10, wherein said detector means further enables the optimum said application set responsive to said detecting.

12. The system of Claim 11, wherein an initial communications condition is defined, said initial communications condition comprising said detector means enabling a default said application set and said selector means enabling a default said stack.

13. The system of Claim 12, wherein said initial communications condition is re-established upon cessation of said wireless communications.